



SEQUENCE LISTING

<110> Rothschild, Max F.

Vincent, Amy L.

Tuggle, Christopher K.

<120> PROLACTIN RECEPTOR GENE AS A GENETIC MARKER FOR INCREASED LITTER SIZE IN ANIMALS

<130> P02285US5

<140> US 09/900,063

<141> 2001-07-06

<150> US 08/812,208

<151> 1997-03-06

<150> US 08/742,805

<151> 1996-11-01

<150> US 60/022,180

<151> 1996-07-19

<160> 18

<170> PatentIn version 3.1

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ataaccacat cctggtgtta gtgcaggatc cgcgagctcg aaacgtggct ccgtttgaag 180
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<223> Human and rabbit cDNA sequences encoding the prolactin receptor were used to design the degenerate primer

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<221> misc_difference

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<222> (16)..(16)

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<211> 20

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<400> 6

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<223> n = unknown at amino acid position 36

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gcacctcatt ttgccattag ctgcattagc cataaaaaaa aaaaaaaaaa ctttttctca 180

gtgctagaaa aaaacagaat agactcattt gaaactgatc ttctctctac caaaggaggat 240

agcgcagttg tgaaatagta aacgtctgac aagaacagca aataatccca ctagtaattt 300

cagaatccgc ctctcaatt agccagaatt cactgtgatg ctggcctcta taattattat 360

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gcctcagaac caaccctaatt tcttacctgc catatccctg tagcagctat tcgaagatca 480

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ctgcttctgt caccagcaga atgggtccagt cattgagcgg accttcatat tgactccagt      240
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accaactaga cgctgactta ccacaaggaa gggtaagcat tcgcgtgtct cccaacaaac      420
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accacaggga agg 133

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<211> 53

<212> PRT

<213> Homo sapiens

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35 40 45

Arg Glu Gly Thr Lys
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<213> Porcine

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ccacaaggaa gg 132